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# 2018 Update

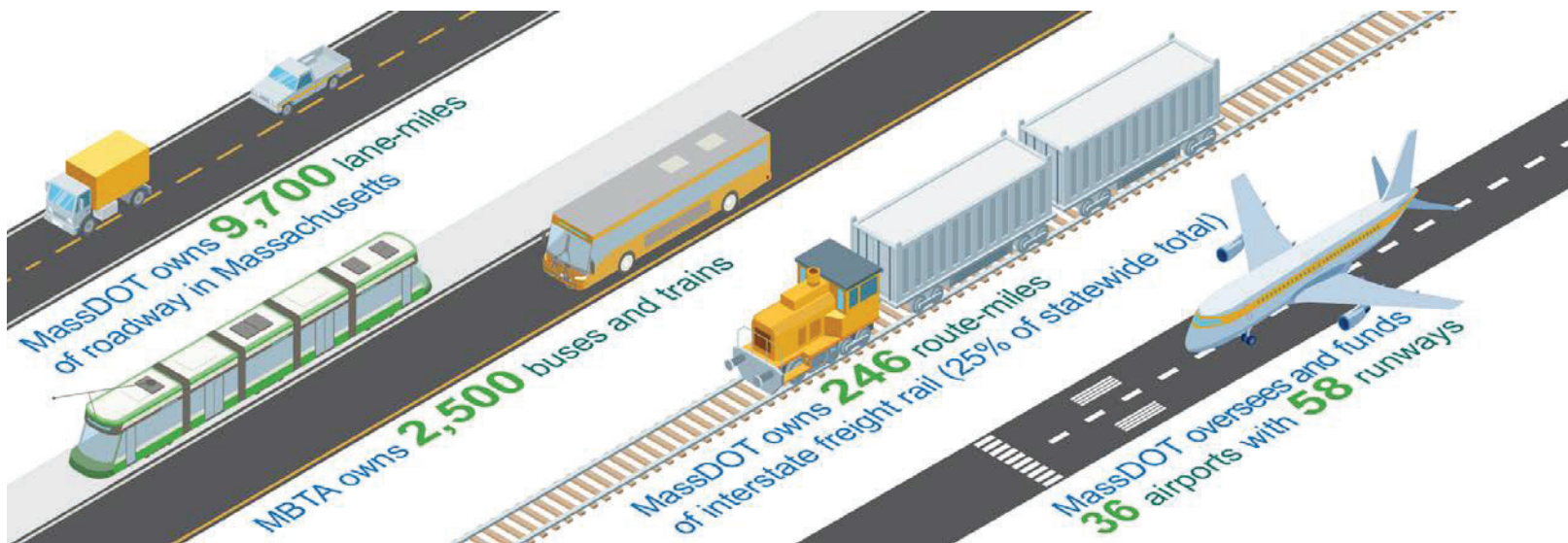
## Performance and Asset Management Advisory Council

November 19, 2018

Patricia Leavenworth, P.E. | Chair, PAMAC

# The PAMAC Report

- Council membership includes MassDOT board members, Metropolitan Planning Organization (MPO) representatives, industry, municipal government (MMA)
- **New for 2018:**
  - Tunnel and culvert inspections
  - MBTA inventory and condition data
  - Rail asset management



# 2018 Update | Highway TAMP

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- Federal Highway Administration (FHWA) certification of Initial TAMP on July 31, 2018
  - Compliant Transportation Asset Management Plan (TAMP) update due June 30, 2019
  - NHS asset summary (bridges and pavement)
  - Transportation Asset Management (TAM) objectives and measures
  - Lifecycle planning and risk management analysis
    - “Section 667” analysis of facilities requiring repeated repair due to emergency events
  - Investment strategies
  - Long term objectives for state of repair to supplement 2 & 4 year targets

# 2018 Update | Culvert Inventory

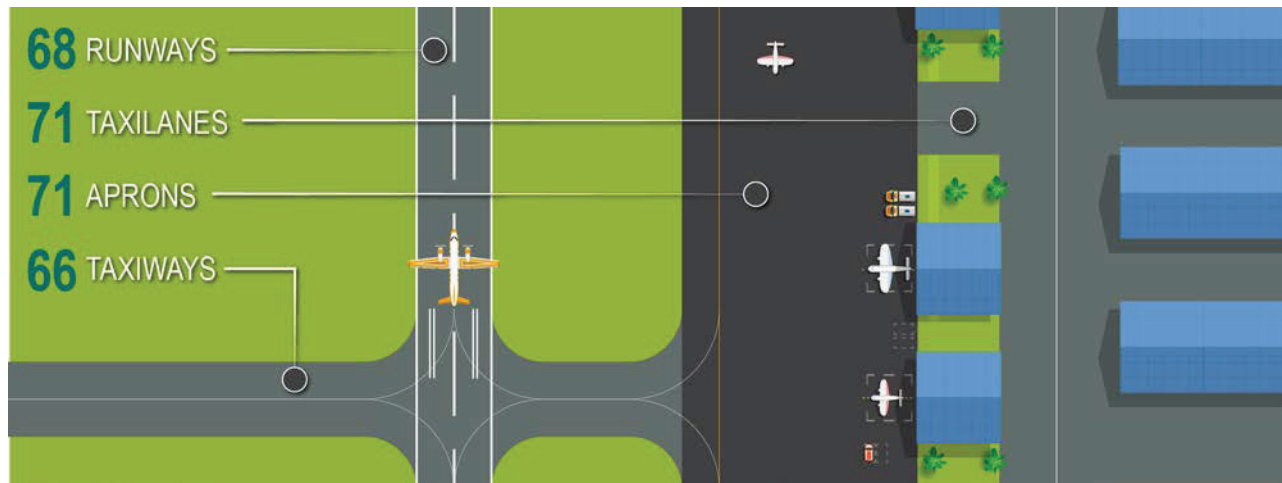


- MBTA TAM Plan complete October 1, 2018
  - “Focus on Asset Management” as a core principle
  - Inventory, condition, performance tracking
- Federal Transit Authority (FTA) Performance Metrics
  - 30% of revenue vehicles have exceeded useful life
  - 20% of service vehicles have exceeded useful life
  - 2% of track segments have speed restrictions
  - Station and facility metrics are being explored

# 2018 Update | Aeronautics

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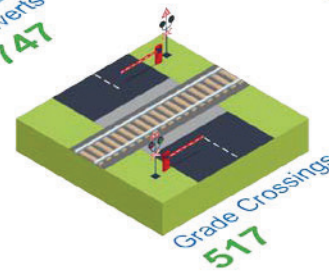
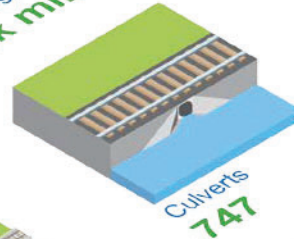
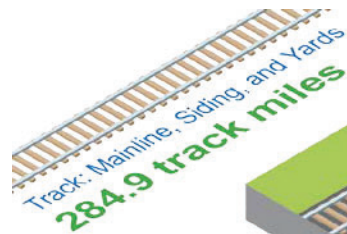
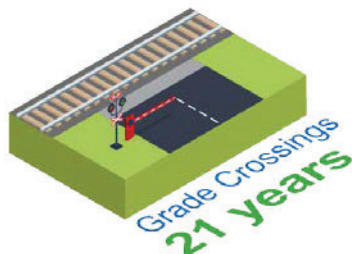
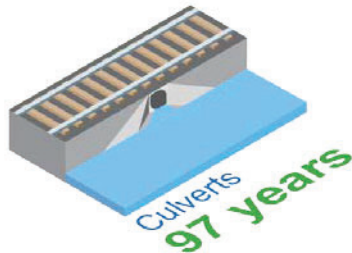
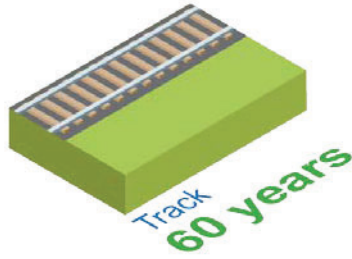
- Average Pavement Condition Index (PCI) for runways = 68 in 2018
  - Update scheduled for 2020, with interim update (based on work) in 2019



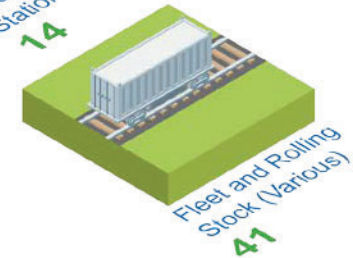
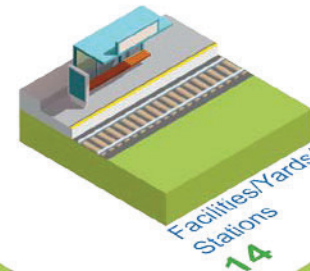


# 2018 Update | Rail

## AVERAGE AGE



## INVENTORY



- Asset Management Assessment
  - Completed August, 2018
  - Inventory, age, and condition
  - GIS inventory system is in pipeline